Abstract

A process for regenerating a zeolite catalyst comprises the following stages:

(I) Heating a partially or completely deactivated catalyst to 250 - 600°C in an atmosphere which contains less than 2% by volume of oxygen,

(II) treating the catalyst at from 250 to 800°C, preferably from 350 to 600°C, with a gas stream which contains from 0.1 to 4% by volume of an oxygen-donating substance or of oxygen or of a mixture of two or more thereof, and

(III) treating the catalyst at from 250 to 800°C, preferably from 350 to 600°C, with a gas stream which contains from more than 4 to 100% by volume of an oxygen-donating substance or of oxygen or of a mixture of two or more thereof.